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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

420 Rec'd PCT/PTO 11 JAN 2000

In re application of:

Peter K. T. PANG et al

Serial No.: New Application

Filed: January 11, 2000

For: A PREPARATION DERIVED FROM SHARK CARTILAGE FOR TREATMENT OF DISEASES RELATED TO EXCESSIVE PHF OR EXCESSIVE INTRACELLULAR CALCIUM

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D. C. 20231

January 11, 2000

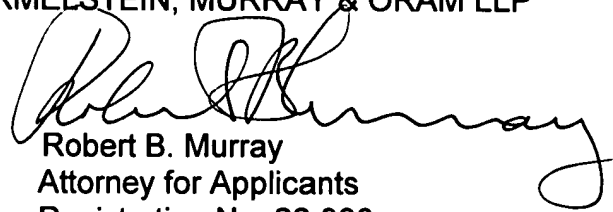
Sir:

In compliance with applicants duty of disclosure under 37 C.F.R. 1.56, enclosed is a copy of the International Search Report in the corresponding international application. The relevance of the references is noted in the International Search Report. We understand that the references have been forwarded by the International Bureau, and are available to the Examiner, but if the Examiner needs copies of any of the references, the Examiner is requested to advise counsel accordingly.

Also enclosed are copies of the references cited in the Response to the Written Opinion filed August 2, 1999.

In the event that any fees are due with this paper, please charge our Deposit Account No. 14-1060.

Respectfully submitted,  
NIKAIDO, MARMELESTEIN, MURRAY & ORAM LLP

  
Robert B. Murray  
Attorney for Applicants  
Registration No. 22,980

Atty. Docket No. P8061-9012  
Metropolitan Square  
Suite 330 - G Street Lobby  
655 15th Street, N.W.  
Washington, D.C. 20005-5701  
Telephone: (202) 638-5000  
RBM/cb  
Enclosures: PTO-1449, International Search Report

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|---|---------------------------------------|--------------------------------------|
| FORM PTO-1449<br><br><b>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</b><br><br><b>LIST OF REFERENCES CITED BY APPLICANT</b><br><i>(Use several sheets if necessary)</i> | ATTY. DOCKET NO.<br><b>P8061-9012</b> | SERIAL NO.<br><b>New Application</b> |
| APPLICANT<br><b>Peter K. T. PANG et al</b>  |                                       |                                      |
| FILING DATE<br><b>January 11, 2000</b>  |                                       | GROUP                                |

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | AA | DOCUMENT NO. | DATE     | NAME             | CLASS | SUB-CLASS | FILING DATE |
|------------------|----|--------------|----------|------------------|-------|-----------|-------------|
|                  | AA | 5,618,925    | 4/8/97   | Dupont et al     |       |           |             |
|                  | AB | 4,473,551    | 9/25/84  | Schinitsky et al |       |           |             |
|                  | AC | 3,371,012    | 2/27/68  | Furuhashi et al  |       |           |             |
|                  | AD | 4,444,752    | 4/24/84  | Prudden et al    |       |           |             |
|                  | AE | 5,075,112    | 12/24/91 | Lane             |       |           |             |
|                  | AF | 5,192,664    | 3/9/93   | Pang et al       |       |           |             |

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

|  |    |   |
|--|----|---|
|  | AG | Colville-Nash et al, (1977) "Growth factors in angiogenesis: current interest and therapeutic potential", MOL. MED. TODAY, January, 14-23.                                    |
|  | AH | Dvorak et al, (1955) "Vascular permeability factor/vascular endothelial growth factor, microvascular permeability, and angiogenesis", AM J. PATHOL., 146, 1029-1039.          |
|  | AI | Folkman et al., (1996) "Blood vessel formation: what is its molecular basis? CELL, 87, 1153-1155.   |
|  | AJ | Hanahan et al., (1996) "Patterns and emerging mechanisms of the angiogenic switch during tumorigenesis", CELL, 86, 353-364.   |
|  | AK | Irani et al., (1994) "Ras proteins regulate multiple mitogenic pathways in A10 vascular smooth muscle cells", BIOCHEM BIOPHYS. RES. COMMUN., 202, 1252-1258.                  |
|  | AL | Jackson et al., (1992) "Pharmacology of smooth muscle cell replication", HYPERTENSION, 20, 713-736.   |
|  | AM | Moreno et al., (1989) "Regulation of p34 <sup>cdc2</sup> protein kinase during mitosis", CELL, 58, 361-372.   |
|  | AN | Risau et al., (1997) "Mechanisms of angiogenesis", NATURE, 386, 671-674.  |
|  | AO | Segar et al., (1996) "The MAPK signaling cascade", FASEB J., 9, 726-735.  |
|  | AP | Somlyo et al (1994) "Signal transduction and regulation in smooth muscle", NATURE, 372, 231-236.  |
|  | AQ | Watson et al., (1993) "Smooth muscle cell proliferation: expression and kinase activities of p34 cdc and mitogen-activated protein kinase homologue" CIRC. RES., 73, 109-117. |
|  | AR | van Biesen et al., (1995) "Receptor-tyrosine-kinase-and Gβγ-mediated MAP kinase activation by a common signaling pathway", NATURE, 376, 781-784.                              |

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| <b>EXAMINER</b>  | <b>DATE CONSIDERED</b> |
| <b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                        |